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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/606,596	06/26/2003	Teruhiko Tobitai	592SC [2630.3144.001]	5033
23399	7590	06/18/2004	EXAMINER	
REISING, ETHINGTON, BARNES, KISSELLE, P.C.			ALI, HYDER	
P O BOX 4390			ART UNIT	
TROY, MI 48099-4390			PAPER NUMBER	

3747

DATE MAILED: 06/18/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/606,596

Applicant(s)

TOBINAI, TERUHIKO

Examiner

HYDER ALI

Art Unit

3747

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☒ Claim(s) 7-12 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 June 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |  |
|---|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>12/22/03 &amp; 6/26/03</u> . | 6) <input type="checkbox"/> Other: ____  |

## DETAILED ACTION

### *Priority*

Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-3 rejected under 35 U.S.C. 102(b) as being anticipated by Kawahara et al (JP 2000186559).

As to Claim 1, kawahara et al discloses an apparatus for delivering fuel and air to an engine, comprising: a carburetor having a body, an air intake passage 11 formed in the body through which a fuel and air mixture is delivered to the engine, and a throttle valve 14 carried by the body for movement between idle and wide open positions to control fluid flow through the air intake passage; and a passage member carried by the carburetor body and having at least one air passage 110 through which air is delivered to the engine, and at least one air control valve 20 carried by the passage member for movement between first and second positions to control the flow of air through said at

least one air passage, the air control valve being operably connected to the throttle valve so that said at least one air control valve is moved between its first and second positions in response to at least a portion of the movement of the throttle valve between its idle and wide open positions.

As to Claim 2, kawahara et al discloses the air control valve 20 and the throttle valve 14 are operably connected together by a link 125 that provides a lost motion coupling permitting limited movement of throttle valve relative to the air control valve.

As to Claim 3, kawahara et al discloses the link 125 permits the throttle valve 14 to rotate a predetermined amount away from its idle position without causing movement of the air control valve 20.

Claims 1-6 are rejected under 35 U.S.C. 102(e) as being Gerhardy by (US 6,328,288).

As to Claim 1, Gerhardy discloses an apparatus for delivering fuel and air to an engine, comprising: a carburetor 1 having a body, an air intake passage 4 formed in the body through which a fuel and air mixture is delivered to the engine 2, and a throttle valve 6 carried by the body for movement between idle and wide open positions to control fluid flow through the air intake passage; and a passage member 18 carried by the carburetor body and having at least one air passage 15 through which air is delivered to the engine, and at least one air control valve 14 carried by the passage member for movement between first and second positions to control the flow of air through said at least one air passage, the air control valve being operably connected to the throttle valve so that said at least one air control valve is moved between its first and

second positions in response to at least a portion of the movement of the throttle valve between its idle and wide open positions.

As to Claim 2, Gerhardy discloses the air control valve 14 and the throttle valve 6 are operably connected together by a link 34 that provides a lost motion coupling permitting limited movement of throttle valve relative to the air control valve.

As to Claim 3, Gerhardy discloses the link 34 permits the throttle valve 6 to rotate a predetermined amount away from its idle position without causing movement of the air control valve 14.

As to Claim 4, Gerhardy discloses a throttle valve lever 32 connected to the throttle valve 6 and an air valve lever 33 connected to the air control valve 14, the link 34 being operably connected to the throttle valve lever at one end and to the air valve lever at its other end, and wherein one of the throttle valve lever and air valve lever include a slot 36 in which a portion of the link is slidably received to provide the lost motion coupling.

As to Claim 5, Gerhardy discloses a plate 19 carried by the carburetor body, and wherein the passage member 18 is connected to the plate.

As to Claim 6, Gerhardy discloses the plate 19 and passage member 18 are integrally formed.

#### ***Allowable Subject Matter***

Claims 7-12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

**Conclusion**

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The reference by Kobayashi discloses an air control valve 35 and a throttle valve 48.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to HYDER ALI whose telephone number is (703) 308-3949. The examiner can normally be reached on M-F (8:00-5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, HENRY YUEN can be reached on (703) 308-1946. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Hyder Ali*

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*Tony M. Argenbright*  
**Tony M. Argenbright**  
**Primary Examiner**  
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